

CLAIMS:

5.3 A. > 1. A network fax machine for faxing files received from a remote client, comprising:  
a server unit configured to send a fax document form to a remote client and  
configured to receive fax information from the remote client, the fax information including an  
5 identifier corresponding to a destination fax machine and a file to be faxed to the destination  
fax machine; and

a fax control unit configured to use the identifier to connect the network fax machine  
to the destination fax machine and configured to send the file to the destination fax machine  
by facsimile communication.

5.4 2. A network fax machine according to claim 1, wherein the server unit comprises:  
a hypertext transfer protocol server configured to serve a hypertext markup language  
document to the remote client, the hypertext markup language document including the fax  
document form.

5.5 3. A network fax machine according to claim 1, further comprising:  
a network adapter, the network adapter including the server unit.

5.6 4. A network fax machine according to claim 2, wherein the network adapter  
comprises:

a network interface card.

5.7 5. A network fax machine according to claim 1, wherein the fax control unit is  
20 configured to connect to a public switched telephone network and is configured to send the  
file to the destination fax machine via the public switched telephone network.

5.8 6. A network fax machine according to claim 1, further comprising:  
a common gateway interface configured to read and parse the fax information  
received by the server unit.

7. A network fax machine according to claim 6, further comprising:  
a fax job manager configured to convert the file to be faxed into a facsimile format.

8. A method for faxing files received from a remote client, comprising:  
sending a fax document form to a remote client;  
receiving fax information from the remote client, the fax information including an  
identifier corresponding to a destination fax machine and a file to be faxed to the destination  
fax machine;  
connecting the network fax machine to the destination fax machine using the  
identifier; and  
sending the file to the destination fax machine by facsimile communication.

9. A method according to claim 8, wherein the step of sending comprises:  
serving a hypertext markup language document to the remote client, the hypertext  
markup language document including the fax document form.

10. A method according to claim 8, wherein the step of connecting comprises:  
connecting to a public switched telephone network; and  
wherein the step of sending comprises:  
sending the file to the destination fax machine via the public switched telephone  
network.

11. A method according to claim 8, further comprising the step of:  
reading and parsing the fax information received from the remote client.

12. A method according to claim 11, further comprising the step of:  
converting the file to be faxed into a facsimile format.

13. A network fax machine for faxing files received from a remote client,  
comprising:

means for sending a fax document form to a remote client;

means for receiving fax information from the remote client, the fax information including an identifier corresponding to a destination fax machine and a file to be faxed to the destination fax machine;

5 means for connecting the network fax machine to the destination fax machine using the identifier; and

means for sending the file to the destination fax machine by facsimile communication.

14. A network fax machine according to claim 13, wherein the means for sending a fax document form to a remote client and for receiving fax information from the remote client comprises:

10 means for serving a hypertext markup language document to the remote client, the hypertext markup language document including the fax document form.

15. A network fax machine according to claim 13, wherein the means for connecting the network fax machine to the destination fax machine to comprises:

means for connecting the network fax machine to a public switched telephone network; and

wherein the means for sending the file to the destination fax machine by facsimile communication comprises:

means for sending the file to the destination fax machine via the public switched telephone network.

20 16. A network fax machine according to claim 13, further comprising:

means for reading and parsing the fax information received by the server unit.

17. A network fax machine according to claim 16, further comprising:

means for converting the file to be faxed into a facsimile format.

25 18. A computer readable medium containing program instructions for execution on a computer system, which when executed by a computer, cause the computer to perform

method steps for faxing files received from a remote client, said method comprising the steps of:

sending a fax document form to a remote client;

5 receiving fax information from the remote client, the fax information including an identifier corresponding to a destination fax machine and a file to be faxed to the destination fax machine;

connecting the network fax machine to the destination fax machine using the identifier; and

sending the file to the destination fax machine by facsimile communication.

10 19. A computer readable medium according to claim 18, wherein the step of sending comprises:

serving a hypertext markup language document to the remote client, the hypertext markup language document including the fax document form.

15 20. A computer readable medium according to claim 18, wherein the step of connecting comprises:

connecting to a public switched telephone network; and

wherein the step of sending comprises:

sending the file to the destination fax machine via the public switched telephone network.

20 21. A computer readable medium according to claim 18, further comprising program instructions for causing the computer to perform the step of:

reading and parsing the fax information received from the remote client.

25 22. A computer readable medium according to claim 21, further comprising program instructions for causing the computer to perform the step of

converting the file to be faxed into a facsimile format.